

GROUND-WATER LEVELS

SCOTLAND COUNTY--Continued

344520079281001. County number, SC-040; Laurinburg well 4.

LOCATION.--Lat 34°45'17", long 79°28'03", Hydrologic Unit 03040204, in Laurinburg off Willow Drive. Owner: City of Laurinburg.

AQUIFER.--Black Creek aquifer of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused supply well, depth 240 ft, diameter 10 and 8 in., screened intervals from 70 to 106 ft, 150 to 165 ft, 185 to 195 ft, 200 to 205 ft, and 217 to 224 ft (reported by driller).

INSTRUMENTATION.--Pressure transducer recording data at 15-minute intervals.

DATUM.--Land-surface datum is 210 ft above NGVD of 1929 (from topographic map). Measuring point: Top of instrument shelf, 1.5 ft above land-surface datum (since July 2000).

REMARKS.--Well is part of southern Coastal Plain ground-water level monitoring study. Water levels affected by pumping of nearby municipal wells.

PERIOD OF RECORD.--July 1969 to current year. Continuous record began December 2000.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.33 ft below land-surface datum, Feb. 26, 1998; lowest measured, 21.68 ft below land-surface datum, Oct. 20, 1993.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17.35	18.54	19.56	---	---	---	---	17.13	17.26	18.73	18.93	17.86
2	17.53	18.97	19.20	---	---	---	---	16.72	17.39	19.25	19.39	17.79
3	17.69	18.93	19.13	---	---	---	---	17.08	17.93	18.94	19.15	17.96
4	17.82	18.98	19.90	---	---	---	---	16.81	18.42	19.28	19.01	17.93
5	18.03	18.73	19.18	---	---	---	---	16.19	18.53	18.55	18.87	17.94
6	17.71	19.75	19.33	---	---	---	---	16.42	18.48	19.20	19.67	18.60
7	17.53	19.00	19.64	---	---	---	---	17.27	18.13	19.34	19.67	18.27
8	17.56	19.14	19.42	---	---	---	---	17.10	17.37	19.21	19.57	18.39
9	18.50	19.15	19.23	---	---	---	---	16.73	17.59	19.48	19.65	18.54
10	17.75	19.16	19.25	---	---	---	---	17.69	17.18	19.65	19.60	18.66
11	17.71	19.37	19.51	---	---	---	---	16.94	18.28	19.54	19.85	18.50
12	17.79	18.94	19.21	---	---	---	---	16.76	17.92	18.96	19.60	18.75
13	17.86	19.83	---	---	---	---	---	16.77	18.57	18.88	20.13	18.91
14	17.85	19.57	---	---	---	---	---	17.69	18.29	18.85	19.81	18.67
15	17.63	19.24	---	---	---	---	---	17.12	18.27	18.64	19.68	18.37
16	18.42	19.44	---	---	---	---	---	17.04	18.12	19.26	19.12	18.33
17	17.97	19.20	---	---	---	---	---	17.17	18.04	19.39	19.27	18.22
18	17.97	19.33	---	---	---	---	---	17.37	18.45	19.70	18.72	18.25
19	17.97	18.95	---	---	---	---	---	16.57	18.45	19.85	18.98	18.22
20	17.90	20.19	---	---	---	---	---	16.65	18.65	19.92	19.23	18.25
21	17.96	19.43	---	---	---	---	---	16.90	18.61	19.94	18.84	18.37
22	17.98	19.42	---	---	---	---	---	16.72	18.75	19.89	19.01	18.34
23	19.09	19.03	---	---	---	---	---	17.51	16.79	18.26	19.84	18.30
24	18.48	18.97	---	---	---	---	---	17.06	16.96	18.17	19.70	18.47
25	18.35	18.80	---	---	---	---	---	16.66	17.38	18.66	18.85	18.37
26	18.46	18.73	---	---	---	---	---	16.56	17.54	18.36	19.16	18.58
27	18.11	19.47	---	---	---	---	---	16.53	17.25	18.48	19.02	18.51
28	18.07	19.28	---	---	---	---	---	16.65	17.77	18.65	19.13	18.49
29	18.27	19.27	---	---	---	---	---	16.59	17.61	18.81	19.20	18.06
30	18.74	19.22	---	---	---	---	---	17.65	17.60	18.90	19.53	18.27
31	18.49	---	---	---	---	---	---	17.06	---	19.76	18.02	---

WTR YR 2002 MEAN 18.46 HIGH 16.19 LOW 20.19

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